

# ANJALI GOTI

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24 Kaufman Avenue, Little ferry, New Jersey

## EDUCATION

### Stevens Institute of Technology

New Jersey, USA Jan 2023 – May 2024

Master of Science in Computer Science | Concentration: Data Science & Machine Learning (GPA: 3.83)

### Uka Tarsadia University(C.G.P.I.T)

Surat, Gujarat Jul 2018 – Jun 2022

Bachelor of Technology in Computer Engineering (GPA : 8.76)

## EXPERIENCE

### Stevens Institute of Technology | Teaching Assistant

New Jersey, USA | Sept 2023 – Dec 2023

- Teaching assistant for Computer Organization & Programming. Lead a discussion section of 107 students, reviewing concepts such as advanced data structures (maps, linked lists, arrays), algorithmic complexity, lambda expressions, threading, Dijkstra's, graphs, sorting, and more.
- I also host office hours where students can come for help on projects, understanding course material, and reviewing for exams.

### Narola Infotech | Data Analyst Intern

Surat, Gujrat | Dec 2021 – May 2022

- Conducted efficient data scraping and cleaning with Alteryx to gather and prepare high-quality data for analysis, significantly reducing data preparation time by 30%.
- Transferred data into the database through the server, ensuring seamless data integration and improving data accessibility for the analytics team.
- Created a comprehensive sales dashboard using mathematical and statistical concepts to predict future sales trends, enabling strategic decision-making and improving sales forecasting accuracy by 25%.
- Developed a visual story of past data and future predictions, facilitating better understanding and communication of data insights to stakeholders and aiding in the formulation of data-driven business strategies.

### Surat Infotech | Digital Marketer Intern

Surat, Gujrat | Oct 2020- Mar 2021

- Implemented new design features in the blog to enhance user experience and engagement.
- Maintained existing computer programs to ensure optimal performance and reliability.
- Solved technical problems, streamlining operations and reducing downtime.
- Assisted and supported team members, facilitating collaboration and improving project efficiency.
- Tested, troubleshooted, upgraded, and maintained blogs to improve performance and increase user accessibility.

## ACADEMIC PROJECT

### Liberty Gems| Website | E-commerce Website for Diamond Merchant

Oct 2023 – June 2024

- Enhanced e-commerce UX with a tailored diamond search tool driven by data analysis.
- Strengthened transaction security through data-driven gateways.
- Optimized layout with statistics data insights, using Tableau for visualization.
- Improved performance via continuous data-driven tracking.
- Integrated advanced features, showcasing expertise in data-driven solutions for enhanced customer understanding.

### PDF Scrapping | Data Scrapping through Python

Dec 2021 – May 2022

- Extracted data from PDF invoices of Amazon, Flipkart, and Meesho using Python, ensuring accurate and efficient data capture.
- Integrated data into MySQL Workbench using advanced tools like NumPy, TensorFlow, Hive, and Keras, streamlining database management.
- Developed a historical data dashboard for Twitter using Hadoop and Tableau, enabling comprehensive trend analysis and strategic insights.
- Employed Python, R, and SQL for robust data processing and visualization in Tableau and Data Studio, enhancing operational efficiency and decision-making.
- Enhanced understanding of market trends and profitability through improved data analytics and reporting capabilities.

### Flight Fare Prediction | Analytical Website

Aug 2021 - Dec 2021

- Conducted meticulous data collection and preprocessing using Python and ETL pipelines (Informatica, ODI, SSIS, BODI) to ensure accurate flight fare estimation models, integrating data from diverse sources.
- Developed sophisticated predictive models in Python and R, leveraging Keras for neural networks and considering seasonal trends and promotional offers to accurately forecast flight prices.
- Utilized Pandas, NumPy, and Spark for efficient data analysis, extracting actionable insights to inform decision-making processes.
- Implemented advanced feature engineering techniques and data modeling to optimize predictive model performance, utilizing Hadoop and Hive for scalable data processing.
- Enhanced workflow efficiency with Excel VBA automation and mathematical concepts, and communicated findings through visually appealing dashboards in Tableau and reports in Power BI.

## SKILLS

**Programming Languages:** C, C++, C#, Python, SQL, R, AI/Machine Learning, cloud computing, Large Language Models, Neural Network

**Web:** HTML5, CSS3, JavaScript, Bootstrap, Software Project, Telemetry, Kornshell

**Analytics and ML:** Pandas, NumPy, PyTorch, TensorFlow, Scikit-learn, Keras, Hadoop, Hive, Spark, EMR, Data modeling, ETL pipelines

**ETL Tools:** ODI, SSIS, BODI, Data stage, Supply Chain Business Operation.

## LICENSE AND CERTIFICATE:

AWS Academy Graduate - AWS Academy Cloud Foundations - Amazon Web Services (AWS)